Garant

Jobber drill, long, HSS-E N, uncoated, ∅ DC h8: 11 mm

Order data

Order number	116065 11
GTIN	4045197270825
Item class	11B

Description

Version:
Profile ground. Standard core thickness and core taper. Bright finish.
With point geometry shape AC from 2 mm.
Advantage:
For drilling with drill bushes or long reach applications.
For high-tensile tempered steels, **including TOOLOX.**
Recommendation:
Maximum drilling depth:
$L_2 = L_C - 1.5 \times D_C$.
Note:
Suitable NC spotting drills No. 112103, 112110 and 112160 with **120° tip angle** for enhanced process reliability
Through-coolant: no
Standard: DIN 340
Tolerance nominal ∅: h8
Point angle: 118 degrees
Number of cutting edges Z: 2
recommended maximum drilling depth L_2: 111.5 mm
Flute length L_c: 128 mm
Overall length L: 195 mm
Shank ∅ D_s: 11 mm
Feed f in steel < 1100 N/mm^2: 0.08 mm/rev.

Technical description

Number of cutting edges Z	2
Flute length L_c	128 mm

Nominal ∅ D_C	11 mm
Feed f in steel < 1100 N/mm^2	0.08 mm/rev.
Tolerance nominal ∅	h8
Shank ∅ D_s	11 mm
Overall length L	195 mm
Standard	DIN 340
recommended maximum drilling depth L_2	111.5 mm
Point angle	118 degrees
Coating	uncoated
Tool material	HSS E
Type	N
Helix angle	35-40 degrees
Shank	Plain shank
Through-coolant	no
Colour ring	red
Type of product	Jobber drill